

METHOD OF MANUFACTURING AND EVALUATING SENSOR COATINGS
AND THE SENSORS DERIVED THEREFROM

ABSTRACT

[0105] A system for creating a combinatorial coating sensor library comprises a delivery mechanism in fluid communication with a source of organic polymer reactants and a substrate having at least one delivery area; a reaction source operative to apply at least one reactive environment to the delivery area; and a controller in communication with the delivery mechanism in a manner effective to apply a plurality of organic reactants to the substrate, and further wherein the controller is in communication with the reaction source in a manner effective to react at least one of the plurality of organic reactants on the substrate into an organic block copolymer coating.